

Figure 1A



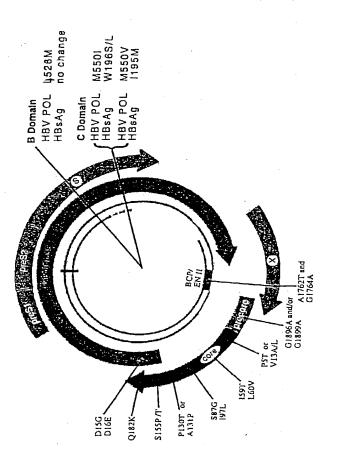


Figure 1B



430 440 450 (421)438 SNDLSWLSLD VSAAFYHIPPL HPAAMPHLLIV GSSGLPSRYVA Domain A 470 480 460 490 464 466 477 488 $\texttt{RLSST}_{\textbf{N}} \texttt{SR}_{\textbf{N}} \texttt{NI*N} \ \ ^{\textbf{N}} \texttt{Y}_{\textbf{H}} \texttt{Q} \texttt{Y}_{\textbf{H}} \texttt{G}_{\textbf{R}} * * * ^{\textbf{D}} \texttt{N} \texttt{LH} \ \ ^{\textbf{D}} \texttt{N}} \texttt{Y}_{\textbf{S}} \texttt{CSR} \texttt{D}_{\textbf{Q}} \texttt{LYVS} \ \ \texttt{LL}_{\textbf{M}} \texttt{LL} \texttt{Y} \texttt{K}_{\textbf{Q}} \texttt{T} \texttt{Y}_{\textbf{F}} \texttt{GR}_{\textbf{W}}$ 500 520 519 523/524/526/528/530 KLHLYLSAHPIIV LGFRKILPMGVG GLSPFLLAQF TSAICLSAVMVTRCR Domain B W196L W1995 540 550 553 559 $\mathrm{AFF}_{\mathtt{P}} \mathtt{HCL}_{\mathtt{V}} \mathtt{A}_{\mathtt{V}} \mathtt{FS}_{\mathtt{A}} \mathtt{Y} \underline{\hspace{0.1cm}} \mathtt{MDD} \mathtt{VL}_{\mathtt{M}} \mathtt{VLGA} \mathtt{K}_{\mathtt{R}} \mathtt{S}_{\mathtt{T}} \underline{\hspace{0.1cm}} \mathtt{V}_{\mathtt{G}} \mathtt{Q}_{\mathtt{E}} \mathtt{HL} \mathtt{S}_{\mathtt{R}} \mathtt{ES}_{\mathtt{F}} \mathtt{LY}_{\mathtt{F}} \mathtt{T}_{\mathtt{A}} \mathtt{S}_{\mathtt{A}}$ Domain C 570 580 590 ${\tt I}_V{\tt T}_C{\tt N}_S{\tt F}_V{\tt L}{\tt L}{\tt S}_D{\tt L}_V{\tt G}{\tt I} \ \ {\tt HLNPN}_Q{\tt KTKRW} \ \ {\tt G}{\tt YSLNFMGYI}_V{\tt I} \ \ {\tt G}$

Domain E

Figure 2

Domain D

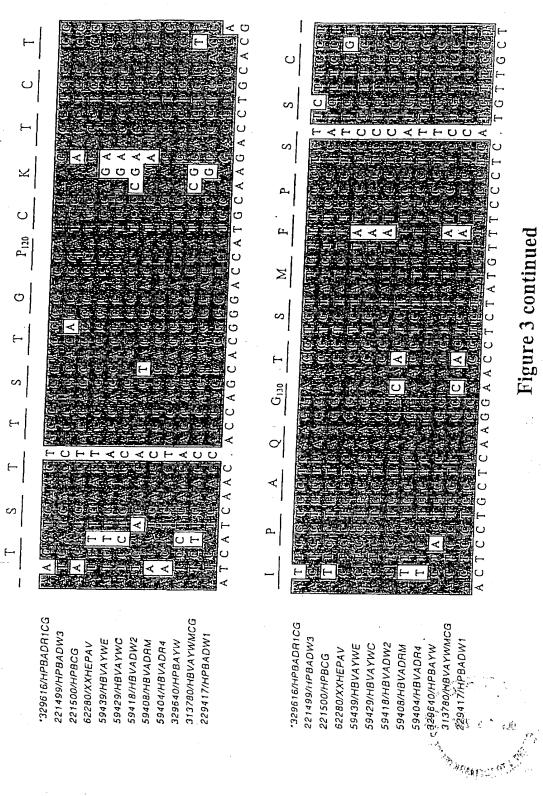


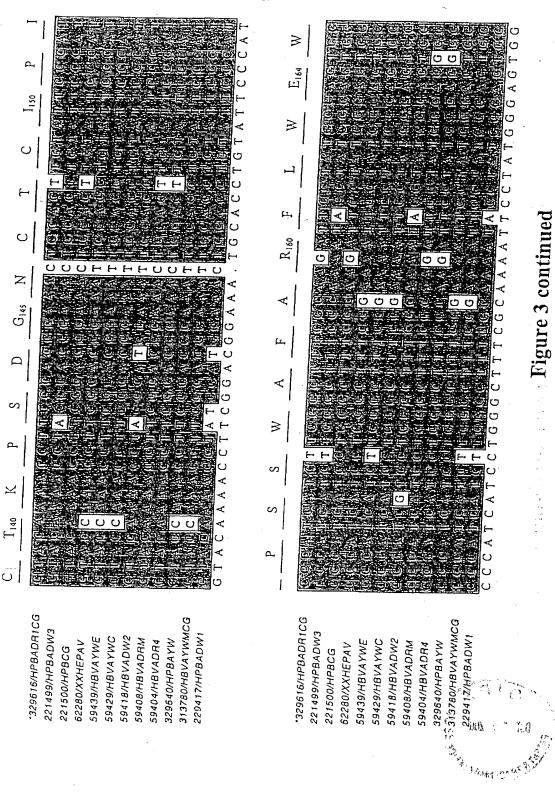
 α ρ, Lie P 108 313780/HBVAYWMCG *329616/HPBADR1CG 313780/HBVAYWMCG 221499/HPBADW3 229417/HPBADW1 221499/HPBADW3 59418/HBVADW2 59439/HBVAYWE 59429/HBVAYWC 59408/HBVADRM 329640/HPBAYW 59429/HBVAYWC 59418/HBVADW2 59408/HBVADAM 62280/XXHEPAV 59404/HBVADR4 59439/HBVAYWE 59404/HBVADR4 329640/HPBAYW 62280/XXHEPAV 221500/HPBCG 221500/HPBCG

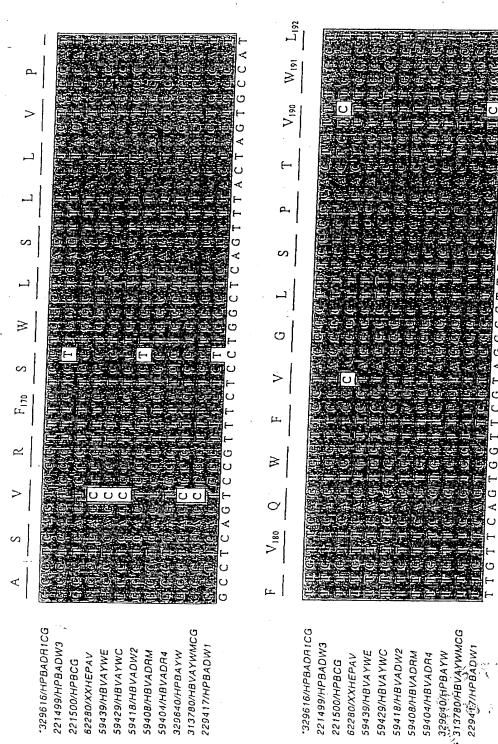
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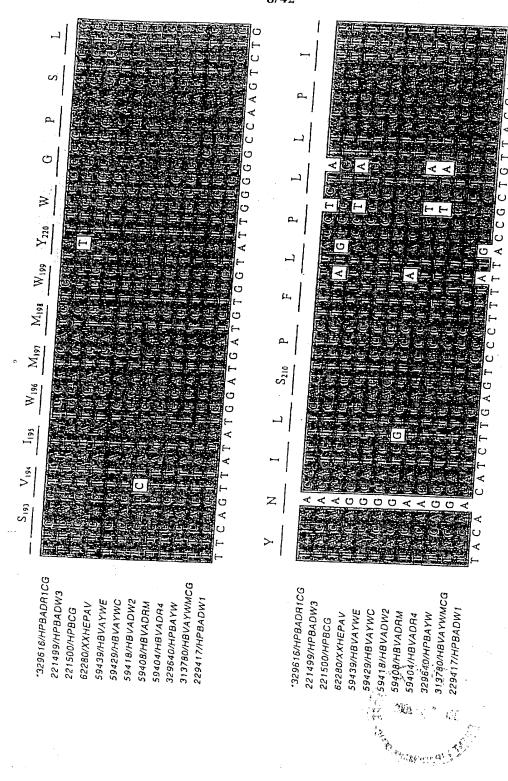
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229417/HPBADW1

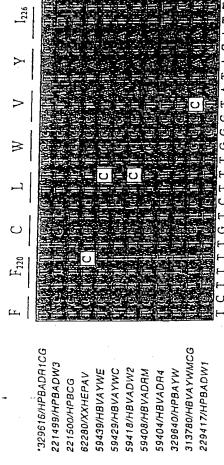


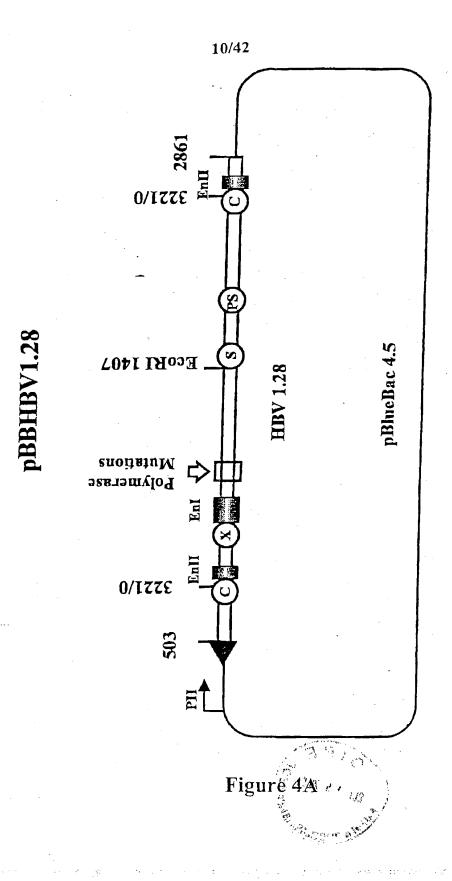


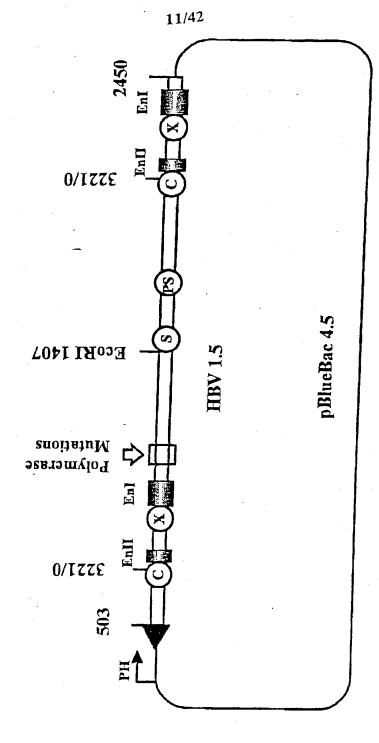












pBBHBV1.5

Figure 4B

Sequence Range: 1 to 4084

10	20	30	40	50
GGACGACCCCTCGC	GGGGCCGC	TTGGGACTCTC	TCGTCCCCT	TCTCCGTC
60	70	80	90	100
TGCCGTTCCAGCCG	ACCACGGG	GCGCACCTCTC	TTTACGCGG	TCTCCCCG
110	120	130	140	150
TCTGTGCCTTCTCA	FCTGCCGGT	CCGTGTGCAC	TTCGCTTCA(CCTCTGCA
160	170	180	190	200
CGTTGCATGGAGACC	CACCGTGAA	CGCCCATCAG	ATCCTGCCCA	AGGTCTT
210	220	230	240	250
ACATAAGAGGACTCT	TGGACTCC	CAGCAATGTCA	ACGACCGAC	CTTGAGG
260	270	280	290	300
CCTACTTCAAAGACT	GTGTGTTT	AAGGACTGGGA	LGGAGCTGGG	GGAGGAG
310	320	330	340	350
ATTAGGTTAAAGGTC	TTTGTATT	AGGAGGCTGTA	GGCATAAAT	IGGTCTG
360	370	380	390	400
CGCACCAGCACCATG	CAACTTTT	CACCTCTGCC	TAATCATCT(CTTGTAC
410	420	430	440	450
ATGTCCCACTGTTCAA	AGCCTCCAA	GCTGTGCCTT	GGGTGGCTTT	CGGGGCA
460	470	480	490	500
TGGACATTGACCCTTA	ATAAAGAAT	TTGGAGCTACT	FGTGGAGTTA	CTCTCG
510	520	530	540	550
TTTTTGCCTTCTGACT	TCTTTCCT	TCCGTCAGAGA	ATCTCCTAGA	CACCGC
560	570	580	590	600
CTCAGCTCTGTATCGA	GAAGCCTT	AGAGȚCTCCTG	AGCATTGCT	CACCTC
610	620	630	640	650
ACCATACTGCACTCAG	GCAAGCCAT	FTCTCTGCTGG	GGGGAATTG	ATGACT
660	670	680	690	700
CTAGCTACCTGGGTGG	GTAATAAT1	PTGGAAGATCC	AGCATCCAGO	GGATCT

Figure 5A

	710	720	730	740	750
AGTAGT	CAATTATG	TTAATACTA	ACATGGGTTT.	AAAGATCAGG	CAACTAI
	760	770	780	790	800
TGTGGT	TTCATATA	TCTTGCCTTA	ACTTTTGGAA	GAGAGACTGT	ACTTGAA
	810	820	830	840	850
TATTTG	GTCTCTTT	CGGAGTGTGC	GATTCGCACT	CTCCAGCCT	\TAGACC
÷	860	870	880	890	900
ACCAAA?	IGCCCCTA:	rcttatcaac	ACTTCCGGA	ACTACTGTTC	TTAGAC
	910	920		940	950
GACGGG	ACCGAGGC	AGGTCCCCTA	.GAAGAAGAAC	TCCCTCGCCI	'CGCAGA
					1000
	960	970	980		1000
CGCAGAI	CTCAATC	GCGCGTCGC	AGAAGATCTC	AATCTCGGGA	ATCTCA
	010	1020	7020	1040	
_	.010	1020		1040	1050
AIGITAG	TATICCII	GGACICATA	AGGIGGAAA	CTTTACGGGG	CITIAL
,	060	1070	1080	1090	1100
				AAACTCCTTC	
recrein	.cnoincoi				
٠٦	110	1120	1130	1140	1150
				TGTCAACAAT'	
1.2.0.12.2					
1	160	1170	1180	1190	1200
				ATTAATTATGO	CTGCT
		•			
13	210	1220	1230	1240	1250
AGATTCT	ATCCTACC	CACACTAAAT	TATTTGCCCTT	ragacaaagg <i>i</i>	AATTAA
13	260	1270	1280	1290	1300
ACCTTAT	TATCCAGA:	FCAGGTAGTT	'AATCATTAC'I	TCCAAACCAC	SACATT
13	310	1320	1330	1340	1350
ATTTACAT	FACTCTTTC	GGAAGGCTGG	TATTCTATAT	AAGAGGGAAA	CCACA
13	360	1370	1380	1390	1400
CGTAGCGC	CATCATTTT	GCGGGTCAC	CATATTCTTC	GGAACAAGAG	CTACA
	110	1420	1430	1440	1450
GCATGGGA	AGGTTGGTC	CATCAAAACC	TCGCAAAGGC	ATGGGGACGA	ATCTT

Figure 5A continued

<u>-</u>

1460	1470	1480	1490	1500
TCTGTTCCCAA	CCCTCTGGGAT	TCTTTCCCGA	TCATCAGTTG	GACCCTGC
1510	1520	1530	1540	1550
ATTCGGAGCCA	ACTCAAACAATO	CAGATTGGG.	ACTTCAACCC	CATCAAGG
1560	1570	1580	1590	1600
ACCACTGGCCA	GCAGCCAACCAG	BTAGGAGTG	GAGCATTCGC	GCCAGGG
1610	1620	1630	1640	1650
	ACACGGCGGTAT			
2101.0000100				
1660	1670	1680	1690	1700
CATATTGACCA	CAGTGTCAACAA	TTCCTCCTCC	TGCCTCCACC	AATCGGC
1710	1720	1730	1740	1750
AGTCAGGAAGG	CAGCCTACTCCC	ATCTCTCCAC	CTCTAAGAGA	CAGTCAT
1760	1770	1780	1790	1800
= : =,=	GCAGTGGAATTC			
ceremocean		CHCIOCCIIC	chicchioc i c	IGCAGGA
1810	1820	1830	1840	1850
TCCCAGAGTCAG	GGGTCTGTATCT	TCCTGCTGG	TGGCTCCAGT	CAGGAA
1860	1870			
CAGTAAACCCTG	CTCCGAATATTG	CCTCTCACA	CTCGTCAATO	CTCCGCG
1910	1920	1930	1940	1950
AGGACTGGGGAC				
1100101000110	cerorane		ii cheni cho	MI ICCI
1960	1970	1980	1990	2000
AGGACCCCTGCT	CGTGTTACAGGC	GGGGTTTTTC	TTGTTGACAA	GAATCC
2010	2020		-	
TCACAATACCGC	AGAGTCTAGACT	CGTGGTGGAC	TTCTCTCAAT	TTTCTA
0060	2022	0.000		
2060 GGGGGATCTCCC	2070	2080	2090	2100
GGGGATCTCCC	3101010111000	_AAAA11CGC	AGICCCCAAC	CICCAA
2110	2120	2130	2140	2150
TCACTCACCAACO				
2160	2170	2180	2190	2200
GTCTGCGGCGTTT	TATCATATTCCT	CTTCATCCT	GCTGCTATGC	CTCATC

Figure 5A continued

•				
2210	2220	2230	2240	2250
TTCTTATTGGTTC	TTCTGGATT.	ATCAAGGTATO	GTTGCCCGTTT	GTCCTCT
2260	2270			2300
AATTCCAGGATCA	ACAACAACC	AGTACGGGACC	ATGCAAAACC	TGCACGA
0210	2320	2330	2340	2350
2310 CTCCTGCTCAAGG				
CICCIGCICAAGG	CAACICIAI	31110001011	01100101110	
2360	2370	2380	2390	2400
ACGGATGGAAATT	GCACCTGTAT	TCCCATCCCA	TCGTCCTGGG	CTTTCGC
_				
2410		2430		2450
AAAATACCTATGG	SAGTGGGCCT	CAGTCCGTTT	CTCTTGGCTC	AGTTTAC
2460	2470	2480	2490	2500
TAGTGCCATTTGT				TTGGCTT
2510	2520			2550
TCAGCTATATGGAT	TGATGTGGTA	TTGGGGGCCA	AGTCTGTACA	GCATCGT
25.00	2570	2580	2590	2600
GAGTCCCTTTATAC				
ONG I CCCI I IIIII		<u> </u>		
2610	2620	2630		2650
TTTAAACCCTAACA	AAACAAAAA	GATGGGGTTAT	TTCCCTAAACT	TCATGG
			0.00	
		· 2680	2690	2700
GCTACATAATTGGA	AGT TGGGGA	ACTITICCACA	GGAICAIAII	GIACAA
2710	2720	2730	2740	2750
AAGATCAAACACTG	TTTTAGAAA	ACTTCCTGTTA	ACAGGCCTAT	TGATTG
2760	2770	2780	2790	2800
GAAAGTATGTCAAA	GAATTGTGG	GTCTTTTGGGC	TTTGCTGCTC	CATTA
2810	2820	2830	2840	2850
CACAATGTGGATAT				CAAGCT
2860	2870	2880	2890	2900
AAACAGGCTTTCAC	TTTCTCGCC#	ACTTACAAGG	CCTTTCTAAG	TAAACA
		,		2055
2910	2920		2940	2950
GTACATGAACCTTT	ACCCCGTTGC	TCGGCAACGG	CC10G1C1G1	UCLAAG

GCTAC		3720 ACTCTCGTTT		3740 ACTTCTTTCCT	3750 TCCGT
CAGAC	3760 SATCTCCTAGA	3770 CACCGCCTCA		3790 GAGAAGCCTT	3800 AGAGT
CTCCI	3810 GAGCATTGCI		3830 TACTGCACTC	3840 AGGCAAGCCA	3850 TTCTC
 TGCTG	3860 GGGGGAATTG			3890 GGGTAATAAT	3900 TTGGA
AGATO		3920 GGATCTAGTA		3940 TTAATACTAA	3950 CATGG
GTTTA	3960 AAGATCAGGC	3970 AACTATTGTG		3990 TCTTGCCTTAG	4000 CTTTT
GGAAG	4010 AGAGACTGTA	4020 CTTGAATATT		4040 CGGAGTGTGG	4050 ATTCG
CACTC		4070 FAGACCACCA			

Figure 5A continued

Sequence Range: 1 to 4496

_					
	10	20	. 30	40	5
GATATCO	CTGCCTTAA	TGCCTTTGTA	TGCATGTATA	CAAGCTAAAC	:AGGC
		•			
	60	70	80	90	100
TTCACTT	TCTCGCCA	ACTTACAAGG	CCTTTCTAAG	TAAACAGTAC	'ATGA
	110	120	130	140	150
\cdot CCTTTAC			CCTGGTCTGT		
	160	170	180	190	200
ACGCAAC	CCCCACTGO	CTGGGGCTT	GGCCATAGGC	CATCAGCGCA	TGCGI
	210	220	230 CCATACTGC	240	
GGAACCT	TIGIGGCIC	CICIGCCGA.	ICCATACIGCO	3GAACTCCTA	30000
	260	270	280 ·	290	300
TTGTTTT	GCTCGCAGC	CGGTCTGGA	CAAAGCTCAT		CAATT
	310		330		350
CTGTCGT	CCTCTCGCG	GAAATATACA	TCGTTTCCAI	GGCTGCTAG	3CTGT
	360	370	380	390	400
			GTCCTTTGTT		
	110	420	430	440	
GCTGAAT	CCGCGGAC	GACCCCTCGC	GGGGCCGCTT	GGGACTCTCI	CGTC
		4.50	400	400	500
	160 Postoroco	470 ETTCCNCCCC	480 ACCACGGGGC	_	
CCCTTCTC		311CCAGCCG	ACCACOGGGC	GCACCICICI	TIAC
. 5	510	520	530	540	550
GCGGTCTC	CCCGTCTGT	rGCCTTCTCA	TCTGCCGGTC	CGTGTGCACT	TCGC
	60	570	580	590	600
TTCACCTC	TGCACGTTC	CATGGAGAC	CACCGTGAAC	GCCCATCAGA	TCCT
-	10	620	630	640	650
			TTGGACTCCC		
GCCCMGG	ICITACATA	AUROURCIC.	LICORCICCO		LCOFI
6	60	670	680	690	700
CCGACCTT	GAGGCCTAC	TTCAAAGAC	rgtgtgtta <i>l</i>	AGGACTGGGA	GGAG

Figure 5B

	710	720	730	740	75
CTGGGG				TAGGAGGCTG	TAGGC
		770		790	
TAAATTO	GTCTGCG	CACCAGCACC	ATGCAACTTT	TTCACCTCTG	CCTAA?
					0.57
~> mamag	810		830	840	
CATCTCT	TGTACATO	FICCCACTGT	TCAAGCCTCC	AAGCTGTGCC	116661
. •	860	870	880	890	900
GGCTTTG				ATTTGGAGCT	
-					
	910	920	930	940	950
GAGTTAC	TCTCGTTT	TTGCCTTCT	GACTTCTTTC	CTTCCGTCAG	AGATCT
4					
	960 •	970	980		
CCTAGAC	ACCGCCTC	AGCTCTGTA	CGAGAAGCC.	TTAGAGTCTCC	LUAGC
1	010	1020	1030	1040	1050
				CATTCTCTGCT	
10	060	1070	1080	1090	1100
GAATTGA:	TGACTCTA	GCTACCTGGG	TGGGTAATA	ATTTGGAAGAT	'CCAGC
	110				1150
ATCCAGGC	jA1C1AG1.	AGICAATTAT	GITAATACTA	ACATGGGTTT	AAAGA
1.1	160	1170	1180	1190	1200
				ACTTTTGGAA	
			1230		1250
ACTGTACT	TGAATAT	TTGGTCTCTT	TCGGAGTGTG	GATTCGCACT	CCTCC
1.0		1220	1280	1200	1200
	160 CACCA <i>CCI</i>	1270		1290 CACTTCCGGAI	1300 מדים מ
AGCCIAIA	CACCACCA	MAIGCCCCI	AICIIAICAA	CACTICCOGA	MCIA
13	10	1320	1330	1340	1350
				AGAAGAAGAA	CTCCC
	60	1370	1380	1390	1400
TCGCCTCG	CAGACGCA	GATCTCAAT	CGCCGCGTCG	CAGAAGATCTO	CAATC
	*				
	10		1430		1450
TCGGGAAT	CTCAATGT	TAGTATTCC	rrggacrcat.	AAGGTGGGAAA	ACTTT

	1460	1470	1480	1490	150
ACC	GGGCTTTAT:	TCCTCTACAG:	TACCTATCTT	TAATCCTGAAT	rggcaaa
			1530	1540	1550
		1520		1540	
TCC	TTCCTTTCC.	I'AAGATTCATT	TACAAGAGG	ACATTATTAAT	AGGIGIC
	1560	1570	1580	1590	1600
AAC				AAGAGAAGATI	GAAATTA
•	1610	1620	1630	1640	1650
TTA	ATGCCTGCTA	AGATTCTATCC	TACCCACAC	raaatatttgc	CCTTAGA
_	_			1.000	1700
	1660	1670		1690	
CAA	AGGAATTAAA	CCTTATTATC	CAGAICAGGI	PAGTTAATCAT	IACIICC
	1710	1720	1730	1740	1750
AAA				CTGGTATTCT.	
	1760		1780		1800
AGG	GAAACCACAC	GTAGCGCATC	ATTTTGCGGG	TCACCATATT	CTTGGGA
	1010	1020	1930	1840	1850
አርን	1810		1830 rccrcatcaa	AACCTCGCAA	
ACA	AGAGCIACAG	CAIGGGAGGI.	1001CA1CB1	, , , , , , , , , , , , , , , , , , , ,	10001110
	1860	1870	1880	1890	1900
GGG	ACGAATCTTT	CTGTTCCCAA	CCTCTGGGA	TTCTTTCCCG	ATCATCA
	1910	1920	1930 -		1950
GTT	GACCCTGCA'	TTCGGAGCCA	CTCAAACAA	TCCAGATTGGG	SACTTCA
	1960	1970	1980	1990	2000
אככנ				AGGTAGGAGTG	
		,			
	2010	2020	2030	•	
TTC	GGCCAGGGC	rcacccctcca	.CACGGCGGT	ATTTTGGGGTG	GAGCCC
	2060	2070	2080		2100
TCAC	GCTCAGGGCA	ATATTGACCAC	'AGTGTCAAC	AATTCCTCCTC	CTGCCT
	6116	2220	2120	2140	2150
0030		2120	2130	2140 CCATCTCTCCA	
CCAC	CAATCGGCAC	JUDAASSALL	MOCCINCIC	_CAICICIA	CLICIA
	2160	2170	2180	2190	2200
AGAC				CCACTGCCTT	

2210	2220	2230	2240	225
AGCTCTGCAGGA	TCCCAGAGTC	AGGGGTCTGT	ATCTTCCTGC	rggtggc'
2260	2270	2280	2290	230
CCAGTTCAGGAA				
00.102				
2310	2320	2330	2340	2350
TCAATCTCCGCG				
1GBHC1CCCC.				
2360	2370	2380	2390	2400
ATCAGGATTCCT				
Alchomitice:		,		
2410	2420	2430	2440	2450
TGACAAGAATCC	CACAATACCG	CAGAGTCTA	GACTCGTGGTG	GACTTCT
. TONCHHOMITEC.		311211		
2460	2470	2480	2490	2500
CTCAATTTTCTAC	GGGGATCTCC	CGTGTGTCTT	rggccaaaatt	CGCAGTC
CICAMITICA				
2510	2520	2530	2540	2550
CCCAACCTCCAAT	CACTCACCAA	CCTCCTGTCC	TCCAATTTGT	CCTGGTT
CCCMCCTCCM				
2560	2570	2580	2590	2600
ATCGCTGGATGTG	TCTGCGGCGT	ТТТАТСАТАТ	TCCTCTTCAT	CCTGCTG
AICGCIGGIIGI				
2610	2620	2630	2640	2650
CTATGCCTCATCT				
CIAIOCCICIICI	10111111001			
2660	2670	2680	2690	2700
CGTTTGTCCTCTA			and the second s	CCATGCA
CGITIGICCICIA				
2710	2720	2730	2740	2750
AAACCTGCACGAC	ΤΟ ΤΟ ΤΟ ΤΟ ΔΟ ΤΟ ΤΟ ΤΟ ΤΟ ΤΟ ΔΟ	CCAACTCTA	TGTTTCCCTC	ATGTTGC
AAACCIGCACGAC	10010010m	30011101011		
2760	2770	2780	2790	2800
TGTACAAAACCTA				_
IGIACAAAACCIA	CGONI GOMM	riocriceror	ni recentree	
2010	2020	2830	2840	2850
2810 CTGGGCTTTCGCA				
CTGGGCTTTCGCA	AAAIACCIAIC	Jedo i dage	CICAGICCGI	LICICIL
2262	2070	2880	2000	2900
2860				
GGCTCAGTTTACT	AGTGCCATTTC	TUUTTUALITE	10014666611	
	2000	2020	3040	2052
2910		2930		
ACTGTTTGGCTTT	LAGCTATATGO	ATGATGTGG	TATTGGGGGCC	WAG LCT.

	2960	2970	2980	2990	300
GTACA	GCATCGTG	GTCCCTTTA	raccgctgtt:	ACCAATTTTC'	TTTTGT
	3010				
TCTGG	GTATACAT1	"FAAACCCTAA	ACAAAACAAAA	AAGATGGGGTT	IATTCCC
	3060	3070	3080	3090	3100
TAAAC				SAACTTTGCCA	
.*	3110	3120			
CATAT	TGTACAAAA	GATCAAACAC	TGTTTTAGA	AACTTCCTGI	TAACAC
	3160	3170	3180		
GCCTA	TTGATTGGA	AAGTATGTCA	AAGAATIGIG	GGTCTTTTGG	GCTTTG
•	3210	3220	3230	3240	3250
CTGCT	CCATTTACA			AATGCCTTTG	
	3260		3280		3300
TGTATA	ACAAGCTAA	ACAGGCTTTC	ACTTTCTCGC	CAACTTACAA	GGCCTT
	3310	3320	3330	3340	3350
тстаас				GCTCGGCAAC	
101111					
	3360	3370	3380	3390	3400
GTCTGT	GCCAAGTGT	TTGCTGACG	CAACCCCCAC'	rggctggggc:	TGGCC
	3410	3420	3430	3440	3450
ATAGGC	CATCAGCGC	ATGCGTGGAA	ACCTTTGTGG	CTCCTCTGCCC	ATCCA
	3460	3470	3480	3490	3500
TACTGC				AGCCGGTCTGG	AGCAA
	3510	3520	3530	3540	3550
AGCTCA	TCGGAACTG	ACAATTCTGT	CGTCCTCTCC	GCGGAAATATA	CATCG.
	2562	2576	2500	2500	7.600
	3560	3570		3590 CCTTCGCGGG	3600
TITCCA	IGGCIGCIA	GGCIGIACIG	CCAACIGGAI	. CC11CGCGG	ACGIC
	3610	3620	3630	3640	3650
	-			ACGACCCCTC	GCGGG
	3660	3670		3690	3700
GCCGCT'	TGGGACTCT	CTCGTCCCCT	TCTCCGTCTG	CCGTTCCAGC	CGACC

Figure 5B continued

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100

	3710	3720	3730	3740	3750
ACGG	GGCGCACCT	CTCTTTACGC	GGTCTCCCCC	GTCTGTGCCTT	CTCATCT
	3760	3770	3780	3790	3800
GCCG				ACGTTGCATGG	
		_			
	3810	3820	3830	3840	3850
CGTG	AACGCCCATC	CAGATCCTGC	CCAAGGTCTI	CACATAAGAGG	ACTCTTG
			*		
ON COM	3860	3870	3880	3890	3900
GACT	CCAGCAATG	TCAACGACCC	SACCTIGAGG	CCTACTTCAA	AGACTGT
_	3910	3920	3930	3940	3950
GTGTT				ATTAGGTTAA	
	3960	3970	3980	3990	4000
TGTAT	TAGGAGGCT	GTAGGCATAA	ATTGGTCTG	CGCACCAGCA	CATGCA
	4010	4000	4030	4040	4050
አ ርጥጥጥ	4010	4020 CCCTAATCAT	4030	4040 ATGTCCCACTO	4050
ACILI	TICACCICI	GCCIARICAI	·	AIGICCCACIO	STICAAG .
	4060	4070	4080	4090	4100
CCTCC	AAGCTGTGC	CTTGGGTGGC	TTTGGGGCAT	rggacattgac	CCTTAT
	4110	4120	4130	4140	4150
AAAGA	ATTTGGAGCT	LACTGTGGAG	TTACTCTCGT	TTTTTGCCTTC	TGACTT
	4160	4170	4180	4190	4200
CTTTC				TCAGCTCTGT.	
	4210	4220	4230	4240	4250
AAGCC	TAGAGTCTC	CTGAGCATTC	CTCACCTCA	CCATACTGCA	CTCAGG
CN N CCC		4270	4280	4290	4300
CAAGCC	ATTCTCTGC	TGGGGGGAAT	TGATGACTC	TAGCTACCTG	JGTGGG
	4310	4320	4330	4340	4350
TAATAA				GTAGTCAATTA	
	4360	4370	4380	4390	4400
ATACTA	ACATGGGTT	TAAAGATCAG	GCAACTATT	GTGGTTTCAT <i>A</i>	TATCT
macama	4410	4420	4430	4440	4450
rGCCTT	ACTTTTGGA	AGAGAGACTG	IACTTGAAT!	ATTTGGTCTCT	TTCGG
	4460	4470	4480	4490	
AGTGTC	GATTCGCAC	TCCTCCAGCC	TATAGACCA	CCAAATGCCC	CT

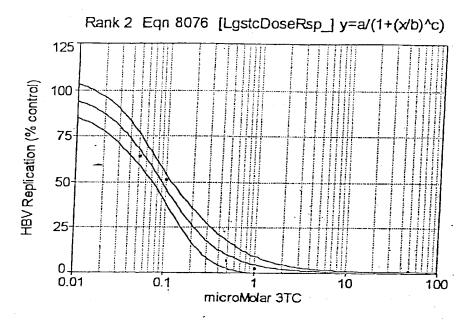


Figure 6A

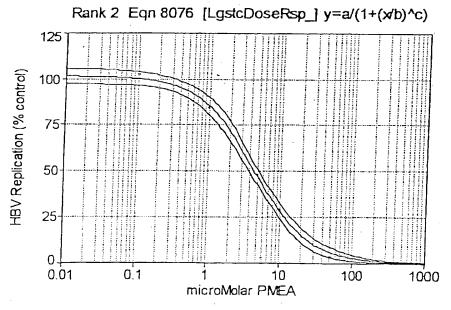


Figure 6B

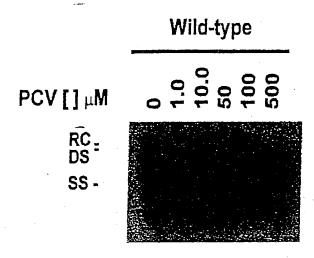


Figure 6C

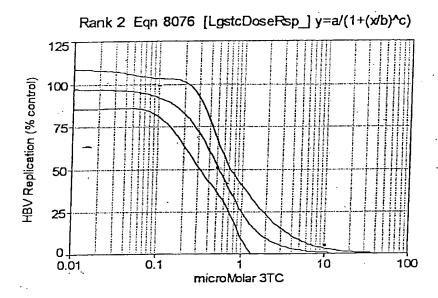


Figure 7A

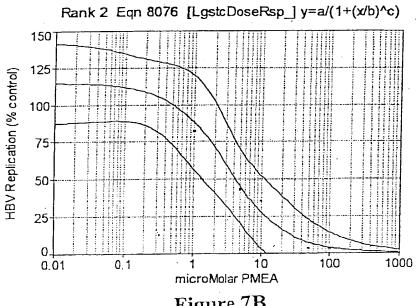


Figure 7B

Rank 45 Eqn 19 y=a+blnx/x^2

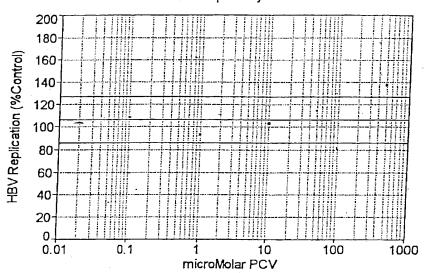


Figure 7C

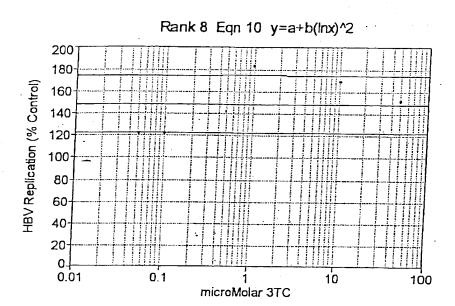


Figure 8A

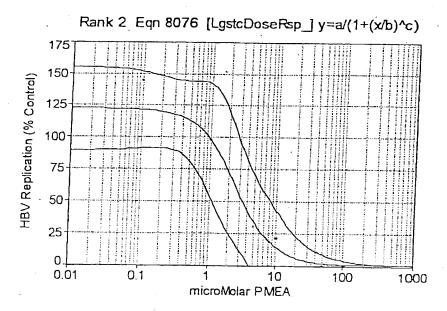


Figure 8B

Rank 34 Eqn 10 y=a+b(lnx)^2

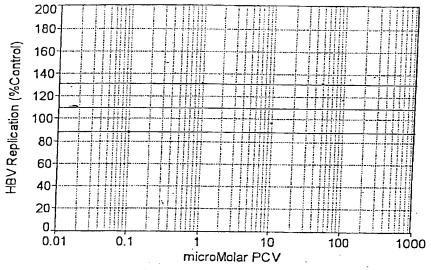


Figure 8C

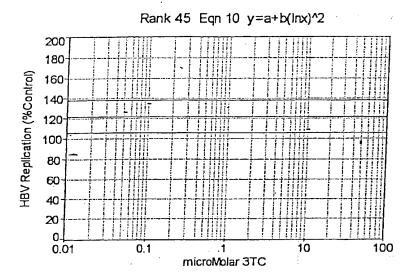


Figure 9A

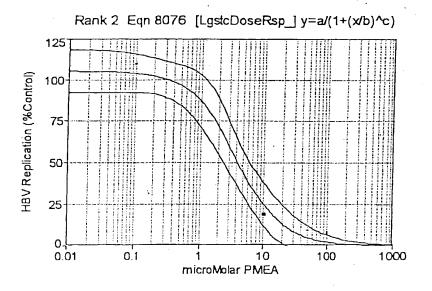


Figure 9B

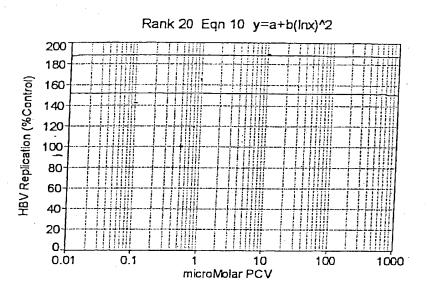


Figure 9C

1

Cold dCTP Competition

Rank 2 Eqn 8076 [LgstcDoseRsp_] y=a/(1+(x/b)^c)

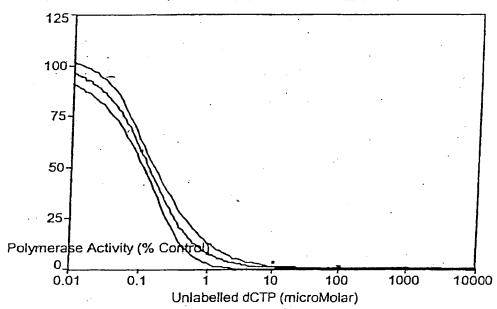


Figure 10

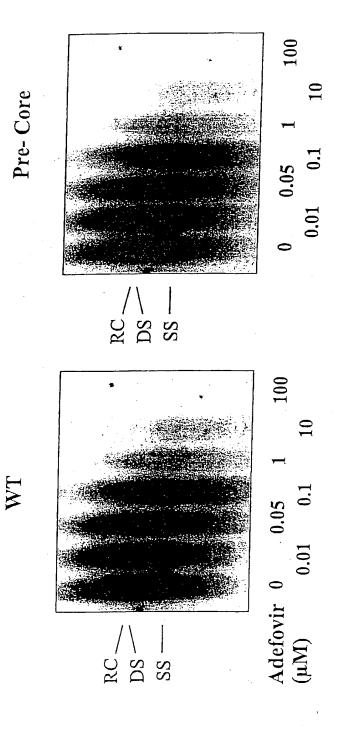


Figure 11A

- -

-;

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1

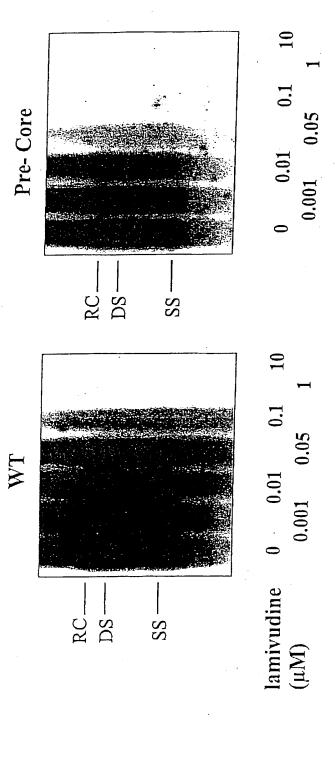


Figure 11B

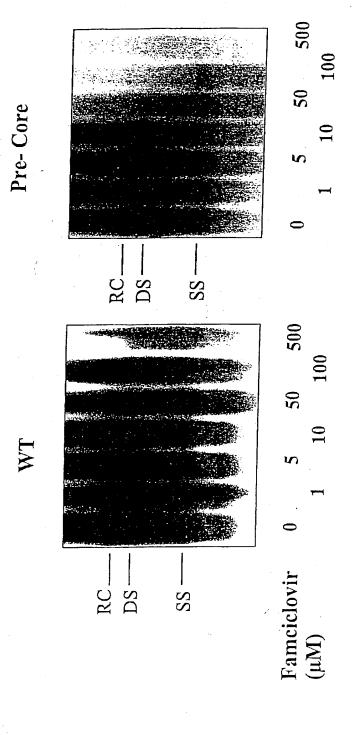
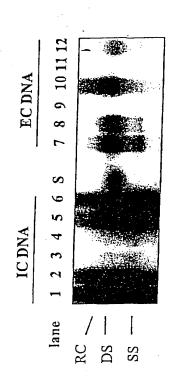


Figure 11C

H



S

Lane 1 & 7

Lane 2 & 8

Lane 3 & 9

Lane 4 & 11

Lane 5 & 10

Lane 6 & 12

- Standard

- Wild type (HBV x 1.3)

- pre-core

Lane 1 & - m5501

- L526M/M5501

- pre-core/M5501

- pre-core/L526M/M550V

Figure 12

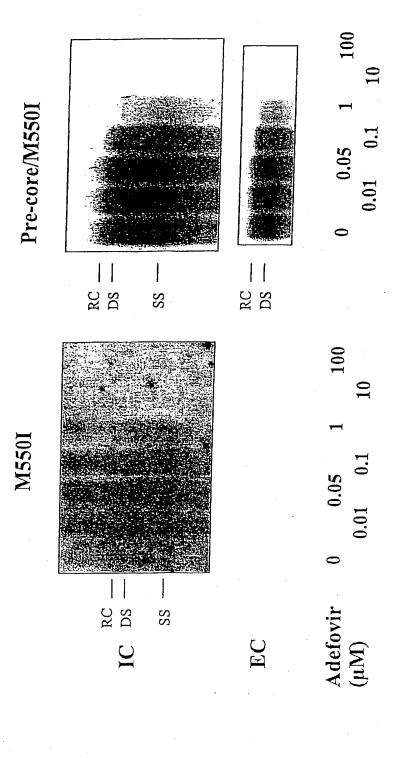


Figure 13A

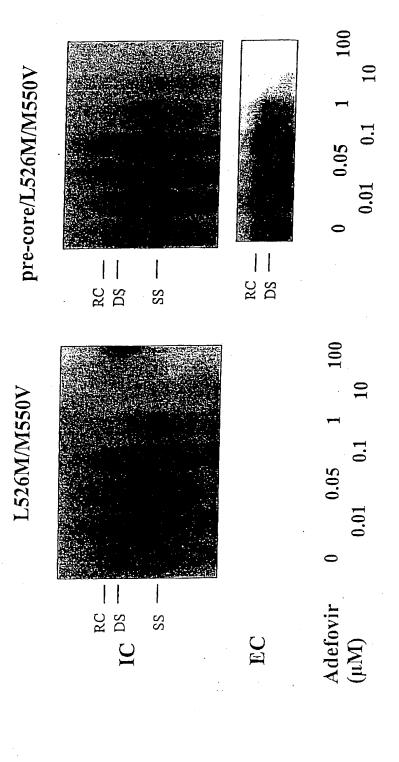


Figure 13B

I TO THE THREE THR

 $0.001 \quad 0.05$

0.05

0.001

Figure 13C



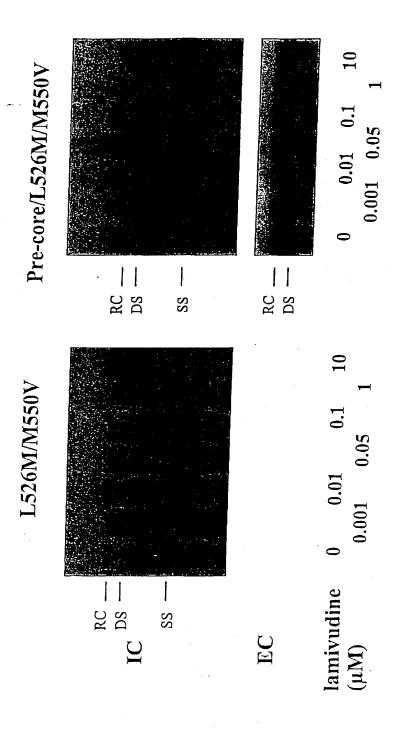


Figure 13D

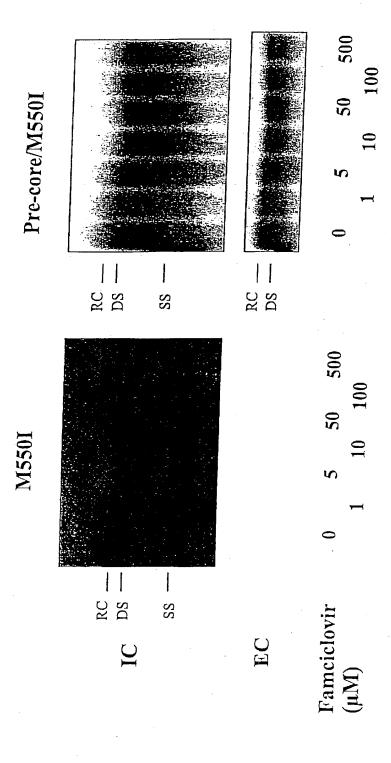


Figure 13E

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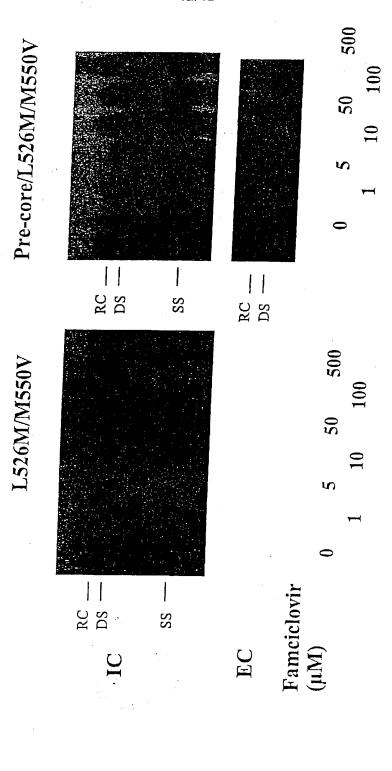


Figure 13F